

United States Patent [19]
Nishimura

[11] Patent Number: 5,831,944
[45] Date of Patent: Nov. 3, 1998

[54] MAGNETOOPTICAL RECORDING MEDIUM
AND METHOD FOR REPRODUCING
INFORMATION FROM A
MAGNETOOPTICAL RECORDING MEDIUM
HAVING THREE LAYERS

[75] Inventor: Naoki Nishimura, Tokyo, Japan

[73] Assignee: Canon Kabushiki Kaisha, Tokyo,
Japan

[21] Appl. No.: 858,206

[22] Filed: May 13, 1997

Related U.S. Application Data

[63] Continuation of Ser. No. 389,579, Feb. 15, 1995, abandoned,
which is a continuation-in-part of Ser. No. 111,974, Aug. 26,
1993, abandoned.

[30] Foreign Application Priority Data

Feb. 26, 1993 [JP] Japan 5-038138
Feb. 21, 1994 [JP] Japan 6-022653

[51] Int. Cl.⁶ G11B 11/00

[52] U.S. Cl. 369/13; 428/694 ML

[58] Field of Search 369/13, 14, 275.3,
369/275.2, 283, 284, 110, 112; 360/59,
114; 428/694 ML, 694 DE, 694 RL, 694 MM,
694 EC, 694 GR, 694 RE

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Primary Examiner—Ali Neyzari

Attorney, Agent, or Firm—Fitzpatrick, Cella, Harper &
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[57] ABSTRACT

A magneto-optical recording medium has a first magnetic
layer which is an in-plane magnetization film at both room
temperature and high temperatures and changed to a per-
pendicular magnetization film at intermediate temperatures,
and a second magnetic layer which is composed of a
perpendicular magnetization film. The recording medium
enables realization of high S/N reproduction of information
recorded at a pitch below the diffraction limit of light with
a simple structure, and further improvement in linear record-
ing density and track density.

2 Claims, 14 Drawing Sheets



